

# ROOF MASTER KIT



The Roof Master Kit is the complete kit for the Roofing Professional, allowing for continuous and point-of-contact, non-destructive surveying of moisture conditions in roofing and waterproofing systems up to 6 inches in depth, as well as non-destructive measurement of moisture conditions in concrete decks, measurement of moisture conditions in wood decks, and ambient relative humidity and dew point conditions. This kit comes in a protective heavy-duty wheeled carry case with die-cut foam lining. The Roof Master Kit is used to perform ASTM D7954.



## KIT CONTENTS

1. Dec Scanner
2. RWS - Roof and Wall Scanner + telescopic handle (for use on roofs).
3. CMEX II - concrete moisture meter.
4. 1 x Hygro-i2<sup>®</sup> probe.
5. Hand held electrode with 7" insulated pins.
6. Hole Punch.
7. Infrared thermometer.

Product Code: RMK5.1

### FEATURES OF DEC SCANNER

- Three ranges of sensitivity enabling the inspection of a variety of roof membranes and insulation thicknesses.
- Ergonomic, easy-reach and easy to operate control panel.
- Leak tracing, problem sourcing and an instantaneous and clear indication of roof condition.
- Fast and accurate readings over large roof areas in a short time frame.
- Faster and more user friendly than nuclear meters.

### FEATURES OF RWS

- For non-destructive moisture evaluation of Roofs, EIFS, foam insulation systems & other building envelope applications.
- To evaluate the extent of the moisture problem and help trace and pin-point its source.
- Multi-mode functions allowing for depth penetration and sensitivity selection.
- Fast and easy to operate giving instant clear readings.

### FEATURES OF CMEX II

- Measures up to 6.9% Moisture Content in Concrete.
- Large clear backlit digital display.
- Hold function "freezes" meter reading when inspecting areas where the meter face is not visible.
- Attaches to a relative humidity Hygro-i2<sup>®</sup> probe for in situ testing of concrete and ambient conditions.
- 7% to 40% Moisture Content measurement in Wood using Pin-type probe attachment.
- 7 inch Pin probe for deep penetration.

### MEASURING RANGE - CMEX II

Depth of penetration in concrete: (NDT*)	approx. ¾" (20 mm)
Moisture content for Concrete: (NDT*)	0 to 6.9 %
Comparative for Gypsum floor screed: (NDT*)	0 to 10
Reference scale: (NDT*)	0 to 100
Moisture content for wood (with pin probes):	7 to 40 %
Relative Humidity (RH probe):	0 to 99%

Humidity accuracy: 0% to 99%RH +/- 2% @ 25°C / 77°F

\* NDT - non-destructive test

### MEASURING RANGE - DEC SCANNER

Depth of penetration:	6" (152mm)
Reference scale: (NDT*)	0 to 100

### MEASURING RANGE - RWS

Depth of penetration:	4" (100mm)
Reference scale: (NDT*)	0 to 100

### SPECIFICATIONS OF KIT

Size:	41.2" x 21.1" x 12" (1045mm x 535mm x 305mm)
Weight:	59.5lbs (27kg)
Power:	5 x 9 volt PP3 Batteries (included)



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